

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/000039

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F17C13/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F17C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 378 570 B1 (BAGNYUKOV SERGEI ANATOLYEVICH ET AL) 30 April 2002 (2002-04-30)  column 2, lines 11-3,39-43 column 3, lines 10-40	1-12
E	EP 1 416 218 A (LISS PATRONGYARTO TOELTOE ES F) 6 May 2004 (2004-05-06) column 1, lines 12-16,37-40 column 2, lines 14,29,49,51 column 3, lines 1-9,30 column 4, lines 25,40-42,50,56 column 5, line 1916	1-6,12

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search	Date of mailing of the International search report
24 May 2004	02/06/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Ott, T

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 623 975 A (SIMSON ANTON K) 29 April 1997 (1997-04-29) column 2, lines 32-67 column 3, line 7 column 4, lines 23-41 -----	1-6, 10-12
X	US 5 713 342 A (SIMSON ANTON K) 3 February 1998 (1998-02-03) column 2, lines 47-67 -----	1-6, 11, 12
X	US 1 559 052 A (GUSTAV SCHWORETZKY) 27 October 1925 (1925-10-27) column 1, line 39 column 2, line 52 -----	1-4, 6, 12
X	US 545 351 A (VICTOR ERNST JULES DURAFORT) 27 August 1895 (1895-08-27) column 2, lines 102-105 column 3, lines 1-5 -----	21
X	US 2 679 140 A (BURCHETT RAY L) 25 May 1954 (1954-05-25) column 1, lines 16-19 column 2, line 50 column 3, lines 31-71 -----	12

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International Application No  
**PCT/GB2004/000039**

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US 6378570	B1	30-04-2002	RU AU EP WO	2161282 C1 4441700 A 1098132 A1 0070263 A1		27-12-2000 05-12-2000 09-05-2001 23-11-2000
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US 2679140	A	25-05-1954	NONE			